

EXPLANATION

Qal Alluvium
Sand, silt, and clay in flood plains

Qt Terrace deposits
Sand, silt, and clay above flood plains

Pc1a Calvin sandstone
Pc2
Pc3

Sandstone, shale, and a few beds of limestone. Lighter bands designate sandstone beds; darker bands designate shale. Symbols Pc1a-Pc3 are those used in stratigraphic diagram; tops of sandstone beds marked by dashed contact lines

Ps Seneca formation
Ps1
Ps2
Ps3
Ps4
Ps5
Ps6

Sandstone, shale, coal, and a few beds of limestone. Lighter bands designate sandstone beds; darker bands designate shale. Symbols Ps1-Ps6 are those used in stratigraphic diagram; tops of sandstone beds marked by dashed contact lines

Area from which coal has been stripped

Outcrop of coal bed containing more than 14 inches of clean coal
Dashed where approximately located, dotted where concealed

Outcrop of thin or dirty coal bed or of only zone
Dashed where approximately located, dotted where concealed

Contact
Upper contacts of sandstone beds are dashed, as are all other contacts where approximately located

Fault
Dashed where approximately located; U, upthrown side; D, downthrown side; curved where doubtful

Anticline
Showing trace of axial plane; dashed where approximately located; dotted where concealed; curved where doubtful

Syncline
Showing trace of axial plane; dashed where approximately located; dotted where concealed; curved where doubtful

Strike and dip of beds
Shown only where measurements indicate beds depart from gentle westward dip

Shaft mine entry
Slope mine entry
Drift mine entry
Quarry

R. 12 E.

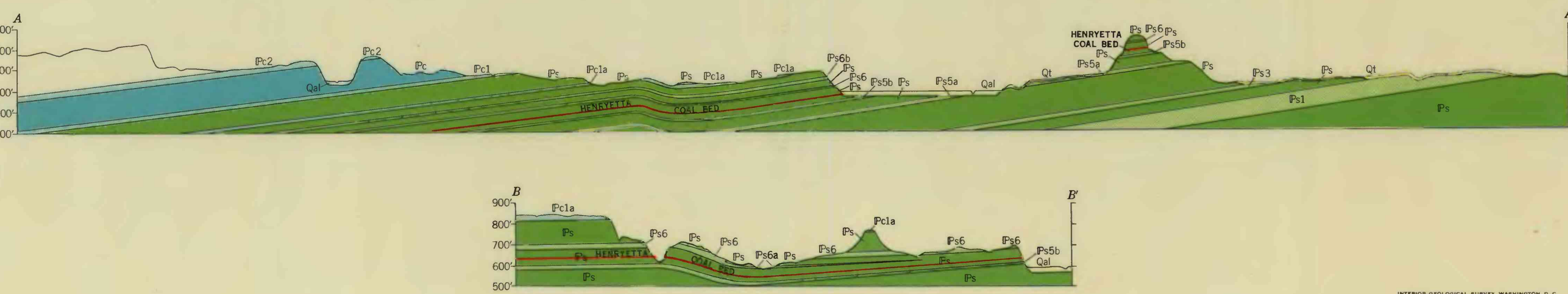
T. 12 N.

T. 11 N.

TRUE NORTH
MAGNETIC NORTH

Base compiled from aerial photographs and township plats

Geology by R. J. Dunham and J. V. A. Trumbull, 1951



GEOLOGIC MAP AND CROSS SECTIONS OF THE HENRYETTA MINING DISTRICT, OKMULGEE COUNTY, OKLAHOMA

Scale 1:48,000
2 Miles